

POULTRY Troubles



**A Brief Treatise Clearly Describing the Diseases
with which Poultry Raisers are Most Likely to Meet!**

The Secret

Of success with poultry depends much upon keeping your stock healthy and active. Many a failure in poultry raising is due to the lack of knowing how to keep the stock in the pink of condition, free from mites and lice and working overtime on the egg basket.

The Hen That Don't Lay Don't Pay—

The use of WALKO Tablets in the drinking water tends to prevent the more common poultry troubles and, as you know, it is the healthy hen that lays the eggs. By the use of WALKO Tablets in the drinking water and proper care and feeding you can keep your birds freer from disease—you can mature your birds earlier—you can have your pullets laying in the fall instead of late the next spring.

The following letter from a well-known writer, poultry judge and experienced breeder, is stronger than any claims we could make.

J. C. Clipp, of the Golden Plume Poultry Farm, Campbellsburg, Indiana, nationally known poultry judge and breeder of Giant Strain Bronze Turkeys and Buff Plymouth Rocks, writes:

"I have raised pure-bred poultry for 37 years. I have used WALKO TABLETS for the last 18 years. We are still using them with splendid satisfaction. Never had fowls in better condition. We have a flock of 500 pullets that are beyond valuation and have been using the Tablets in their drinking water regularly. We also use them regularly with our turkey poults. We find them a great help in keeping our stock in the pink of condition which means better egg records. We have very little trouble with lice as we use WALKO LICE POWDER with telling effect."

Poultry Troubles

Or Obstacles That Confront the Poultry Raiser

By D. J. Walker, *President of Walker
Remedy Company, Waterloo, Iowa*

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THIS little booklet contains information of great value to every poultry raiser. We have tried to make it clear and concise and leave it with you in hopes that it will assist you in solving some of the "Poultry Troubles" of everyday life. We trust you will read it very carefully and miss none of the good things. It means dollars to you.

As far as you are personally concerned, it matters very little whether the value of the poultry raised in the United States every year is five million dollars or five billion dollars. The vital questions with you are how you can make poultry raising more profitable; how you can raise the most dollars' worth of poultry at the least expense; how you can keep your birds healthy and active; how you can endeavor to protect your little chicks and matured birds from the ravages of loose bowel trouble, digestive disturbances and the like.

We are interested in helping you make the greatest possible success with your poultry, and it is to help you solve the problems that this book is written.

We mention first what is undoubtedly most common of all Poultry Diseases.

**Simple Diarrhea or
Loose Bowel Trouble
Among Little Chicks**





Simple Diarrhea or Loose Bowel Trouble Among Little Chicks

Diarrhea or Loose Bowel Trouble is a disease with which nearly every poultry raiser has to contend and the most successful are those who best understand how to guard against it. This dread disease among little chicks may be from various causes. It is frequently caused by cold, damp weather, sudden changes, impure water. It may be the result of indigestion, usually caused by feeding too soon after hatching, overfeeding or improper food.

In the process of development the chick is supplied with a portion of the yolk sufficient for its sustenance during the first few days after leaving the shell. It takes from 48 to 72 hours for the chick to properly absorb the yolk. If for any cause they fail to absorb the yolk it is almost certain to create a condition obstinate in the extreme from which thousands of little chicks die every year.

There are many who lose from one-half to two-thirds their hatch,

while the loss of an entire hatch is by no means uncommon. A big hatch really does not mean much unless you are able to take the little fellows safely through the dangerous period.

The first ten days to two weeks is the most dangerous period in the little chick's life. Aside from the causes mentioned above, there is the constant danger of their picking up germs and infection with their food or through the drinking water. In view of the fact that you have no way of telling, until too late, whether or not your chicks may have been infected, it is important that you use every practical method of prevention. Be particular that the chicks are housed in dry quarters, well ventilated yet free from drafts, and fed from clean containers. Wash the drinking fountains thoroughly each day and use Walko Tablets in all drinking water from the time the chicks are out of the shell.





The Practical Treatment

The practical treatment for Simple Diarrhea or Loose Bowel Trouble demands the use of remedies that will keep the entire digestive tract in a normal, healthy condition. The feed should be cut down and Walko Tablets given in all drinking water, two tablets to the quart. It is best, however, not to wait until the chicks have developed loose bowel trouble or digestive disturbances, as it is much easier to prevent than cure. Don't wait until this terrible disease has taken half your hatch—prevent it. There is no place where the old adage, "A Stitch in Time Saves Nine," applies as well as in getting ahead of disease. Give Walko Tablets in all drinking water and you won't lose one chick where you possibly lost dozens before.

If you have a hatch of chicks coming off, you should be prepared to give them Walko Tablets in their first drinking water. Don't hesitate to try a 50c or \$1.00 box on our guarantee.

We guarantee to refund your money if this treatment, with reasonable care and feeding, fails to help you save your chicks.

We say, "With reas-

onable care and feeding." Now this is not put in for the purpose of sidestepping our guarantee. We don't want your money unless you get your money's worth; but we do want you to get the best possible results from the use of Walko Tablets and you can't do this under unfavorable conditions. Chicks must have care—they should be kept in clean, dry, warm quarters, at an even temperature and not exposed to dampness or sudden changes. Damp quarters or sudden changes in temperature produce colds, indigestion, bowel trouble—and as you know, the little fellows quickly succumb to any of these.

If you fail to get satisfactory results from Walko Tablets we request that you write us immediately, stating how your chicks are affected, how soon after hatching you fed them—what you fed them and just how you used our medicine. With this information

we can usually tell why your chicks die. If we fail to help you determine the trouble we will cheerfully refund your money without hesitation.





Proper Feeding

Too much importance cannot be attached to the necessity of proper feeding. While various methods and rations are prescribed and not infrequently are followed by very successful poultry raisers, the following methods and rations we recommend as the most certain to give satisfactory results:

Little chicks should not be fed until 48 to 60 hours old. They must be given time to assimilate the yolk with which they are supplied before leaving the shell and which is sufficient food to last them 60 to 72 hours. Early feeding tends to retard the assimilation of the yolk, which, if allowed to remain too long undigested, causes loose bowel trouble which condition predisposes more serious complications.

When 48 to 60 hours old you should begin by feeding a mixture of rolled oats (oat meal) with wheat bran or dry bread crumbs—mostly rolled oats. Rolled oats is one of the best known foods for young chicks. Chicks should be fed sparingly but often—four or five times a day. There is more danger of overfeeding than underfeeding. A little clean sand, pulverized shell or fine

grit should also be supplied. After the chicks are six to seven days old a little commercial chick feed may be added to their ration, gradually increasing the proportion as the chicks grow older. After twelve days to two weeks a more varied ration may be given, including the usual chick menu, being particular, however, not to feed too liberally of corn in any form. A little corn mixed with other feed is excellent, but it is too hearty to be allowed to constitute the greater portion of their ration. It is rich in the elements that produce fat, but deficient in the elements that go to make bone and muscle—besides very hearty food tends to cause indigestion and bowel trouble.

The foregoing suggestions are thoroughly practical—not mere theories, but methods followed by some of our most successful poultry raisers. You'll find them all good, but we want especially to impress upon you the importance of the following Don'ts:

1st. Don't try to raise chicks in cold damp quarters.

2nd. Don't feed until 48 to 60 hours old.

3rd. Don't overfeed—feed sparingly four





or five times a day.

4th. Don't feed too much corn—feed rolled oats and other light feed.

5th. Don't wait until Disease has taken half of your hatch. Prevent it. Give Walko Tablets in all drinking water and you won't lose one chick where you possibly have lost dozens before.

Walko Tablets should be given in pure water, in clean vessels,

preferably glass, earthenware, enamel ware or aluminum. If galvanized vessels are used, be particular that it is new ware and of good quality.

In introducing Walko Tablets to those who have never used them, we are sure that plain, candid, voluntary statements from reliable people who have used them will be more convincing than any claims we could make. The following are only a few out of hundreds we receive.

Read These Statements

RAISES AS MANY AS 500 CHICKS A YEAR

MRS. L. L. TAM, *Burnettsville, Indiana*, writes: "I have been in the poultry business for many years and have lost my share of chicks from simple diarrhea and loose bowel trouble. Some years ago I started using Walko Tablets for my baby chicks. Since that time I have never been without them. I have raised as high as 500 chicks without losing a single chick from simple diarrhea. I consider them a great help in keeping chicks healthy and vigorous. My experience has been that our chicks develop quicker and feather earlier."

MRS. ROSE V. METZGAR, *Sangudo, Alberta, Canada*, writes: "I received the Walko Tablets you sent me some time ago and am here to say there is nothing like them for diarrhea and bowel trouble. They are simply a God-send to poultry raisers. I can not praise them enough. I cannot

tell you in words how thankful I am to you for this wonderful remedy. Last year I lost 196 little poults with this dreadful disease while this year I have not lost a single one from any disease of any kind. I have 178 lovely young turkeys all doing fine. They have feathered out much sooner than usual this year and I know it's Walko Tablets that helped them along. I surely will never be without Walko Tablets as long as I have a turkey or chicken around the place. I believe other poultry raisers should know about Walko Tablets, and you have my permission to use this letter in your advertising if you care to do so."

WALKER REMEDY Co., *Waterloo Iowa*.

Gentlemen: "Please send me two

more boxes of Walko Tablets for baby chicks. I used your Tablets last year and they sure brought my chicks out fine. My chicks had diarrhea so bad I was afraid I was going to lose all of them. Then I saw





Walko Tablets for Baby Chicks

ESPECIALLY valuable for Diarrhea and Loose Bowel Trouble among incubator chicks. They tend to prevent digestive disturbances and should be given in all drinking water from the time the chicks are out of the shell.

Also recommended for the swellings of Roup in the head and Simple Catarrh among older birds.

Sold in 50c and \$1.00 packages

Special extra size packages for large breeders—\$2.50 and \$4.00.

(The \$2.50 package is $4\frac{1}{4}$ times as large as the \$1.00 size and the \$4.00 size is twice as large as the \$2.50 package.)

your ad so sent for a box of Walko Tablets. They came by return mail. I started using them at once in the drinking water and the chicks stopped dying. I do not want to be without Walko Tablets any more. I told my neighbor about the wonderful results I got so she asked me to send for a box for her." *MRS. EDW. EISENBARTH, Torrington, Wyoming.*

300 CHICKS BROUGHT \$200.00

MRS. NORMAN FOSTER, Alpha, Ill., writes: "I sold eggs to several neighbors last year and they, like myself, had good success with their hatches, but I raised 60 per cent more chicks than they because I used Walko Tablets. I never lost one from bowel trouble. 300 chicks brought me over \$200.00 and I owe much of my success to

Walko Tablets. It's the greatest little chick saver I ever used."

WAS ABOUT DISCOURAGED BEFORE USING WALKO TABLETS

MRS. C. M. BRADSHAW, Beaconsfield, Iowa, writes: "I see reports of so many losing their little chicks with bowel trouble. I used to lose a great many from this cause, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Company, Waterloo, Iowa, for their Walko Tablets for baby chicks. I used

two packages, raised three hundred White Wyandottes and my chicks are larger and healthier than ever before. I have found your Company thoroughly reliable and always get the remedy by return mail."





SELDOM LOSES A CHICK

MRS. LUTHER TAVENNER, *West Chester, Pennsylvania*, writes: "Having used Walko Tablets for about ten years for my baby chicks I find I can not do without them. My losses are very small. I seldom lose a chick. I use Walko Tablets in all drinking water for two weeks and give no other water. You can use my name if you care to, as I believe Walko Tablets will help other poultry raisers in the successful handling of their chicks."

ANXIOUS THAT OTHERS KNOW WALKO TABLETS

MRS. ETHEL RHODES, *Shenandoah, Iowa*, writes: "Last spring my first incubator chicks, when but a few days old, began to die by the dozens with Loose Bowel Trouble. I tried different remedies and was about discouraged with the chicken business. Finally I sent to the Walker Remedy Company, Waterloo, Iowa, for a box of their Walko Tablets for baby chicks. It's just the only thing for this dread disease. We raised seven hundred thrifty, healthy chicks where before we never raised more than 100 a year. I'd be glad indeed to have others know of this wonderful remedy."

MRS. A. M. OGLESBY, *Asheboro, North Carolina*, writes: "I have been raising chicks for a few years and have always had good luck when I used Walko Tablets as a preventive of Simple Diarrhea and Loose Bowel Trouble. We had a hatch of chicks coming off in April and as long as we used the Walko Tablets we never had a sick one. When they were a few weeks old we decided we would do without Walko Tablets and then we lost some of the chicks. In my opinion it

is far more economical to use Walko Tablets until I am sure the chicks are out of danger, as a few chicks lost will more than pay for sufficient Walko Tablets to keep them free from the dangers of loose bowels and simple diarrhea."

MRS. W. H. ALLEN, *Alpine, Alabama*, writes: "Find enclosed \$1.00. Please send me a 50c package of your Walko Tablets for baby chicks. Also a 50c can of Walko Lice Powder. I have used your lice powder and Walko Tablets for the last three or four years and don't think I could raise chicks any more without them. I raise chicks the year round. I have friers in the yard now and I attribute my success to your Walko Tablets and Walko Lice Powder."

Sanitation

Successful management of the poultry flock is in a large measure dependent upon **Sanitation**. All sensible, sane, well-directed effort to prevent or relieve disease or the spread of disease comes under the heading of **Sanitation**. The larger the flock—the more limited the range—the more intensive the poultry operation—the more vital the necessity of exercising every sanitary precaution.

Sanitation includes proper location of the poultry plant—proper ventilation and careful attention. The poultry buildings should be located on well drained ground. Artificial drainage should be provided if the yards and run-ways do not drain naturally. Stagnant water—cold, damp ground—should be avoided as they are the source of much trouble.

Be sure your birds have access to plenty of sun-





shine, but do not make the mistake which is quite common, in not providing ample shade during the hot weather. Sunshine is one of the most powerful disinfectants known and is necessary to the health and happiness of the fowls.

Care should be exercised in housing the birds in suitable, well-ventilated quarters. "Well-Ventilated" means houses permitting access of ample sunshine and plenty of fresh air; at the same time openings for fresh air should be so arranged as to be free from drafts.

Keep the interior of the houses white washed—this should be done at least twice each year. Keep all cracks and crevices filled as they are the breeding places of parasites.

It is very important that the roosts and nests be thoroughly cleaned regularly. Use Walko Tablets in all drinking water as an added precaution.

Loose Bowel Trouble and Indigestion Among Older Fowls

These diseases are frequently termed Cholera, but fortunately for the poultry raiser, they are of a far less dangerous nature. They are more correctly the result of a deranged condition of the digestive organs, prevalent among fowls of all ages, generally attributable to impure water, overfeeding or the diet held too strictly to one thing. Fowls should have plenty of grit, a moderate allowance of food, but as great a variety as possible, including meats or dried blood in seasons when they can not get worms and insects.

Treatment. Walko Tablets should be given

in all drinking water (two or three tablets to the quart) as long as there are any signs of Loose Bowel Trouble. Walko Tonix should be given in their feed. It promotes digestion, stimulates the liver and other functions and will be found a wonderful help in getting your birds back to a normal condition.

Use Walko Products on our guarantee—money back if not satisfied.

Feeding Too Much Corn, Millet and the like. This trouble is met with generally by the farmer feeding stock or with open cribs. If allowed free and continued access to corn, millet and the like, old birds become over-fat and drop off suddenly when apparently well. Sometimes there are signs of Loose Bowel Trouble. They seldom die when in action but drop off the roost or die on the nest.

Treatment. All feed should be shut off for a day or two, giving Walko Tablets in all drinking water. They should then be given light rations with more variety and plenty of exercise. Exercise may be provided by requiring the birds to scratch for their food in a clean litter of dry straw. Give Walko Tonix in the feed.

Young Birds, when overfed, do not die as suddenly, but are apt to develop indigestion and liver trouble with consequent rheumatism, leg weakness and Loose Bowel Trouble. They grow very thin and finally die.

Treatment. They should have a change of diet, giving Walko Tonix in the feed as directed, and Walko Tablets in all drinking water—two or three tablets to each quart.





Colds and Simple Catarrh

Colds are another very destructive disease. Obstinate in the later stages, but yield readily to treatment if taken in time.

Symptoms. Watery eyes, sneezing and wheezing.

Predisposing Causes. Exposure to cold, dampness, drafts or sudden changes; crowding or lack of proper ventilation, exposure to affected birds or to coops, roosts and yards where diseased birds have been.

Treatment. For fresh colds, sneezing or wheezing—two or three tablets of Walko to each quart of drinking water is usually all that is necessary.

Should this fail to check it, the head should be dipped in a solution of eight or ten tablets to a pint of pure water, being particular that the medicine is forced well up into the nostrils. For the swellings of Roup among older birds, the heads should be dipped in a solution of twenty tablets to a pint of water. Instead of dipping, a small clean syringe may be used. It is important that the birds be given a general tonic to restore vitality and increase power of resistance. Walko Tonix

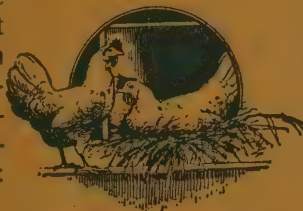
given in the feed, will be found especially valuable.

GAPES is a parasitic disease caused by an accumulation of very small worms in the windpipe. The most prominent symptom is the frequent gaping. These worms suck the blood of the chicks and in many cases cause death from exhaustion or asphyxia.

Treatment. Give one or two teaspoonfuls of Walko (six or eight tablets to one-half pint of water) and as a preventive give one or two tablets to each quart of all drinking water. When possible, put birds on new ground and spade under the old runways.

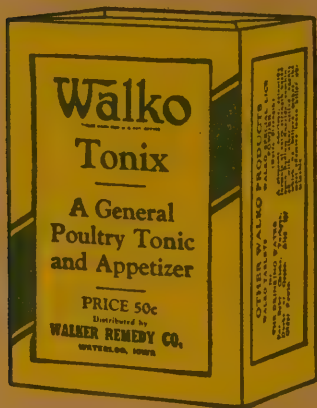
CROPCBOUND. The symptoms are easy to discover, as the crop is usually greatly distended and hard. In some cases an ill-smelling liquid will run from the mouth and nostrils; the bird loses its vigor; its feathers become ruffled, and its general appearance one of dejection.

Treatment. Hold bird's head down and manipulate the crop gently, forcing contents out through mouth. This will sometimes remove the obstruction; if not, it will be necessary to open crop and remove contents. This may be done by removing feathers and making a small incision high up on crop. After removing obstruction, opening may be closed with a few silk stitches. The operation is not difficult and with reasonable care birds may be saved.





Walko Tonix



WE HAVE had so many calls for our Walko Tonix (a general Poultry Tonic, Appetizer and Vitalizer) that we found it necessary to prepare it in concentrated form so we could send it through the mail conveniently.

If you have never tried Walko Tonix, we want you to give it a thorough trial. We guarantee that you will find it the best general poultry tonic you've ever used. It will assist in keeping your birds in better condition and remember, the healthy bird lays the eggs.

Walko Tonix does not overstimulate the organs, but by its general tonic effect it keeps your birds in the pink of condition, which assures their greatest capacity for egg production. A \$1.00 package of Walko Tonix will last 100 birds from four to six weeks.

Regular size package 50c, extra large package \$1.00

Read What Others Say About Walko Tonix

MRS. C. C. HAGAR, *Huntsville, Mo.*, writes: "I read many complaints about hens not laying. With the present low prices of feed and splendid prices for eggs, one can't afford to keep hens that are not working. For a time my hens were not doing well; feathers were rough; combs pale and only a few laying. I tried different remedies and finally sent to the Walker Remedy Company, Waterloo, Iowa, for two 50c packages of Walko Tonix. I could see a change right away. Their feathers became smooth and glossy; combs red, and they began laying

fine; I had been getting only a few eggs a day. I now get five dozen. My pullets hatched in March are laying fine."

WALKO TONIX IS SURELY GREAT

MRS. J. H. WESTERHEIDE, *Swanders, Ohio*, writes: "Last winter my chickens were sick and did not lay for five or six weeks. Finally I sent for some

Walko Tonix. In one week's time the egg yield jumped from 7 eggs a day to 3 dozen a day, and later to 10 dozen a day. Walko Tonix is surely a great remedy. I am going to give it to my hens always."





Walko Special Lice Powder

WALKO SPECIAL LICE POWDER will rid your birds, coops and nests of Lice—those pests which cut your poultry profits.

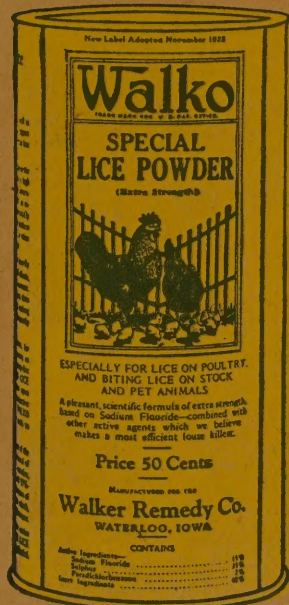
Lice and other parasites weaken the vitality of chicks, making them an easy prey to simple diarrhea and loose bowel trouble, that terrible scourge which makes great inroads into many flocks.

They sap the life blood from older birds, directly causing many losses and inducing a weakened condition which leaves the birds unfit to resist and throw off disease germs.

Save your birds, young and old, and insure your poultry profits by ordering a can of WALKO SPECIAL LICE POWDER—*now*.

WALKO SPECIAL LICE POWDER is a pleasant, odorless, scientific formula of extra strength, based upon Sodium Fluoride, which we believe makes one of the most efficient lice killers available.

Large size package 50c postpaid.



Amazed How Quickly Walko Destroys Lice

MRS. HERB PORTER, *Fayette, Iowa*, writes: "I read many reports of the trouble and losses others have with their flocks because of lice and want to tell you my experience. I used to wonder if there wasn't some way to kill lice but was never successful in keeping these pests out of my flock until a friend told me of the wonderful results she had had with **Walko Lice Powder**, so I sent to the



WALKER REMEDY COMPANY, Waterloo, Iowa, for a 50c can of **Walko Special Lice Powder**. It came by return mail. I had the lousiest hen on my lap and dusted a little of the powder into the feathers and much to my amazement before completing the job my apron was literally covered with dead lice. It acts just that quick. It is certainly wonderful how quickly it destroys these pests."

Losses Turned to Profits

The testimonials in this booklet are true bona fide statements from reliable people, who, if you will send a return postal, will vouch for every assertion. Looking the proposition squarely in the face, does it pay to go on losing one-half to two-thirds of your little chicks with **Simple Diarrhea** and loose bowel trouble when a package of **Walko Tablets** will greatly reduce this loss? If you want to make more money from your poultry—if you want to keep your birds in the pink of condition, free from disease and working overtime on the egg basket—if you want to rid your flock of lice—if you want to save your little chicks from the ravages of **Loose Bowel Trouble**—if you want to turn your greatest losses into substantial profits—try **Walko Remedies**. If you don't find them the best all around poultry remedies you ever used—your money back.

Walko

Poultry Remedies

WALKO TABLETS for Baby Chicks are sold in 50c and \$1.00 size packages. Special extra size packages for large breeders, \$2.50 and \$4.00.

(The \$2.50 package is 4¼ times as large as the \$1.00 size, and the \$4.00 size is twice as large as the \$2.50 package.)

WALKO TONIX is a concentrated poultry tonic, put up in powdered form. Regular size 50c. Large size \$1.00. Considering the dose, you will find these remedies quite inexpensive.

WALKO SPECIAL LICE POWDER is a pleasant, odorless, scientific formula of extra strength, based upon Sodium Fluoride, which we believe makes one of the most efficient louse killers obtainable. Large size package 50c postpaid.

While this booklet refers to the treatment of diseases among chickens, you will find these remedies just as valuable for turkeys, geese, ducks or pigeons.

Every package bears the name "WALKER REMEDY Co." and is guaranteed to give entire satisfaction when used according to directions. Accept no substitute or imitations. If your dealer does not handle the genuine, send money order, bank draft or personal check to the WALKER REMEDY Co., Waterloo, Iowa, and you will receive the remedy by return mail, postpaid.

Walker Remedy Company
Waterloo, Iowa

For
WALKO
Poultry Remedies
Inquire at

**WALKO REMEDIES ARE SOLD
BY ALL LEADING DRUGGISTS
AND POULTRY SUPPLY DEALERS**

**STEPHEN'S DRUG STORE
ROSSVILLE, ILL.**